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Interactive Edition
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This is the fifty-first edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software (MCI Mail agency NY4). You may respond to the PEN by typing ANSWER at the COMMAND; line that appears after you read this. This mailbox (218-0241) is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll-free mail box - contact Oppenheimer Software for more information.)

1-800-I-WANT-MCI 2

NEED ANOTHER MAILBOX? 3

EDITORS NOTE 1 4

EDITORS NOTE 2 5

internetMCI 6

Whats New 6

Directories 6

marketplaceMCI 6

Info Desk 6

Newsgroups 7

HOW TO NAVIGATE THE WEB 8

HOW NOT TO NAVIGATE THE WEB 9

HOW TO ORDER internetMCI 10

.... SUCH A DEAL 11

RESEND 12

POWERUSER 13

TILL NEXT TIME 14

>>>>>>>>>>>>>>>>
1-800-I-WANT-MCI
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A toll free *FAX* number is available for anyone wanting to set up accounts on MCI Mail or anyone needing information about MCI Fax Broadcast, MCI Fax Reply, internetMCI or networkMCI:

1-800-I-WANT-MCI (1-212-787-2416 outside the USA)

The fax should include the name, address, phone and fax numbers of the requester. Typically, the MCI Mail account will be activated the following business morning, and the Fax accounts, within 5 days. To help the new MCI Mail subscriber, a four page fax will be returned with the account information and basic starting instructions.

You can also use the NEWUSER script described below. However, this toll-free fax number can be used by anyone with access to a fax machine.

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NEED ANOTHER MAILBOX?
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The NEWUSER script has been used by hundreds of people to set their friends, associates and clients up on MCI Mail, add new mailboxes to existing accounts, or to request information on behalf of a colleague.

If you have a friend across town, or in another country who wants to benefit from electronic mail, or if you know of someone who tediously sends faxes out from a fax machine and is looking for a better way, or someone who sends letters and memos by overnight courier and would like to save some money, you can help them by introducing them to MCI Mail.

To use this feature, log into MCI Mail interactively (MCI Mail Express users press {CTRL}J after starting the program). At the Command; prompt, type:

CREATE USING NEWUSER {ENTER}
Answer all questions, and follow the instructions at the end of the SCRIPT. You will be notified when the new mailbox/account is active.

Note. . . If you access MCI Mail via MCI Mail Express, or a LAN gateway, you may send the name, address and phone and fax number of the referral to mailbox 218-0241, or you may fax this information to 212-787-2416. We will contact them immediately and arrange for

the account or mailbox.

Additionally, the *FAX* number 1-800-I-WANT-MCI is available for anyone looking to request information or establish an account for themselves.

>>>>>>>>>>>>>>
EDITORS NOTE 1
>>>>>>>>>>>>>>

Internet.

It looks like a simple word - something to do with computers or something like that, and from the most simplistic perspective, that definition suffices.

However, like the invention of the telephone or television, Internet goes way beyond simply being a technology that pushes electrons from one place to another. Internets impact on society and societies impact on Internet are forcing them to co-evolve simultaneously.

Back in the 1970's, the designers of the Internet (one of whom was later to become one of MCI Mails designers) sought to create a communications network to let the military communicate with major educational institutions and research facilities. Of particular importance was the loosely structured organization of the Internet which was intended to survive even if part of the network was demolished by nuclear war.
Also back in the 1970's, personal computers first came to the market, and were viewed as cute "toys" with names like Pet, Apple, Elf and Northstar. Their software was limited in scope, crude by today's standards and often challenging to use. People never expected that these devices originally designed by HAM radio users would end up in consumers homes and offices.

In the 1980's, Internet continued to grow from a few hundred connected computers (hosts) in 1981 to almost 200,000 by the end of the decade. IBM had introduced their PC and other reasonably priced powerful PCs soon followed.

Now, in the mid 1990's, with PCs having become a standard home and office appliance, Internet connecting over 5 million hosts and popular features like the World Wide Web becoming available through browser software packages, a critical mass has been reached.

Public awareness of the Internet has increased to the extent that major weekly news magazines dedicate a page to the "Net", and seeing someones Internet address on a business card, or an advertisement with a "HTTP://" URL in is increasingly common.

Today, internetMCI lets you reach a world of information directly from your PC. Looking for the Treaty of Versailles? It's there. Looking for a copy of the local newspaper in Halifax Nova Scotia? It's there. Looking to *listen* to National Public Radio? Looking for investment guidance, or works of art, or to see the Earth as it would be viewed from the moon? It's there.

If you have a minimum of a 386 PC with Windows 3.1 and a 9600 baud modem (and multimedia capabilities if you want to listen to NPR), you too can be there.

Democracy requires an educated populace and Internet is positioned to act as a great equalizer in our society. For the first time, everyone with access to a PC has access to the same information - regardless of where it is. You don't need to travel to Washington DC to visit the Library of Congress - Internet brings it to your PC.

No one is quite sure of where Internet will take us in the future, (or where we will take Internet for that matter), but its clear that whatever the Information Superhighway is, we are already on it.

>>>>>>>>>>>>>
EDITORS NOTE 2
>>>>>>>>>>>>>

This edition of the PEN Newsletter introduces internetMCI. Like any new technology, Internet has its share of technobabble. To help guide you, we've included a glossary of net-babble terms at the end of this PEN.

>>>>>>>>>>>
internetMCI
>>>>>>>>>>>

internetMCI is MCI's Windows based, full featured access ramp to the Internet.

internetMCI requires a 386, 486 or Pentium PC with Windows 3.1 or later, a Hayes compatible modem (at least 9600 baud), 10 megabytes free space on your disk and at least 4 MB of RAM

Once installed in your PC, double clicking on the internetMCI launcher icon brings you to MCIs home page - your gateway to cyberspace.

From the home page, MCI offers you a number of paths including "Whats New", "Directories", "marketplace MCI", "Newsgroups" and an "infodesk"

Whats New

...contains the latest information about the Internet, new merchandise available on marketplaceMCI, current news stories including business, sports, industry, etc. It also includes a listing of the currently "cool" (i.e. "this is pretty interesting - I never thought I'd find this here") Internet sites organized by such categories as Food and Drink, Health, Entertainment, Professions, Government, Travel, etc.

Directories

...(and this should be your *FIRST* stop) provides access to a number of "search engines" that are available to help you locate information on the Internet. The YAHOO ("Yet Another Hierarchical Organized Oracle") directory for example, makes it very easy to find information on the World Wide Web. You can either search by a menu of topics, or simply enter a key word after selecting "Search". It even offers random links to let you explore parts of the Web that you never knew existed.

Another excellent jump off point is "The Awesome List", accessed by pressing {CTRL}L and entering:
"http://www.clark.net/pub/journalism/awesome.html".
(Don't worry.... it gets easier after that!)

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marketplaceMCI

...is a virtual shopping mall with a variety of stores including clothing, computer supplies, flowers, financial services, etc. As you cruise the mall, you can add items to your virtual shopping basket. When you are ready to check out, you supply the billing and shipping information - much as you would in the real world. However, unlike the real world, you'll never be stuck in traffic on the way to the virtual shopping mall, and you wont be waiting for a sales person to help you.

Info Desk

...offers helpful information for navigating the Internet, new device drivers (or helper files), etc.

Newsgroups

...offer you the opportunity to view posted articles and documents by topic - not unlike bulletin boards on MCI Mail. Newsgroups are grouped into newsgroupings such as sci (science newsgroup), rec (recreation newsgroups) and alt (alternative {.i.e. not mainstream discussion} newsgroups).

>>>>>>>>>>>>>>>>>>>>>
HOW TO NAVIGATE THE WEB
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Navigating the Web on internetMCI is a wonderful exercise in simplicity.

Information appears on your screen as either text or a picture. Textual information comes in three colors: black, blue and purple.

Black text can only be read.

Blue text can be read too. However, when you put your mouse cursor

on the blue text, it will change shape from an arrow to a hand with a finger pointing. This indicates that the text is "linked" to information elsewhere. For example, if you are reading a story about the United States, and New York is blue, clicking on New York will take you to another story... probably about New York. By pressing the "Back" button on the top of the screen, you can return to the story about the United States.

However, once you have read the New York story, it changes from blue to purple, to remind you that you already read it once. Of course you can read it again if you like.

Some pictures, or parts of pictures are linked to other locations on the Web. They are not of any special color, nor do they change colors after you have read them. To find them, you need to put the mouse cursor on the part of the picture that changes it from an arrow to a hand.

>>>>>>>>>>>>>>>>>>>>>>>>>>
HOW NOT TO NAVIGATE THE WEB
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For many people, traveling through the World Wide Web feels like a kid does when let loose in a toy store. It's all there, but the distractions are sufficient to keep you from fully absorbing what you sought. You may find it best to read an entire Web page first, before clicking on the hyperlinks on the page. Otherwise, you may find your self so engaged by the linked page that you'll never get back to finish reading the latter part of the first page.

Additionally, the content of the Internet is not regulated or supervised. Just because you read it on the Internet does not necessarily make it so. Take the time to verify the information you find with other sources - on the Internet, or otherwise. That Internet based financial advisor who gave you a great investment idea might just be a kid, or a crook.

Some sections of the Information Highway already suffer from rush hour jams, and in some cases gridlock. If your download is taking too long, click on the STOP button, go onto something else for a while before returning to see if the traffic cleared up.

Also, don't think about accessing Internet unless your modem is at least 9600 baud. internetMCI actually supports speeds up to 28,800 baud. Trying to access the Internet with anything slower than 9600 baud represents a cruel and unusual punishment.

>>>>>>>>>>>>>>>>>>>>>>>>
HOW TO ORDER internetMCI
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It's simple.

Send an e-mail to MCI ID:218-0241 or a fax to 1-800-I-WANT-MCI (212-787-2416). Include your name, address, telephone number. If you would like to be invoiced monthly, please include your SSN (if this is a corporate account, the companies Federal Tax ID) number.

Or if you would like your usage billed to a credit card instead, please include the card number and expiration date on the card.

The software and account information will arrive in about 2 weeks.

internetMCI has a one time setup charge of $18.95 and the software is $39.95.
Access to internetMCI is available through either local telephone numbers or through an 800 number.

If you elect to use the local telephone numbers, it's $9.95/month which includes 5 hours of Internet access. Additional hours are $2.50/hour. If you wish to use the 800 numbers, it's $9.95/month plus $6.50 per hour.

>>>>>>>>>>>>>>>>
.... SUCH A DEAL
>>>>>>>>>>>>>>>>

If you order internetMCI now, you can get unlimited usage through August 31 on the 800 numbers for only $19.95/month. (A $4,680 value if you were to remain at your computer 24 hours per day for a month)

>>>>>>
RESEND
>>>>>>

MCI Mails RESEND command is a new addition to the AUTOFORWARD command.

AUTOFORWARD enables you to automatically forward your incoming messages to one or more email, fax, telex, or postal recipients, during a specific time frame. Messages that are AUTOFORWARDed also remain in your incoming folder for future use. An AUTOFORWARDed envelope shows the forwarder of the message to be the sender, not the originator.

For example, if John sends a message to Mary, and Mary's mailbox is AutoForwarded to Sam, then Sam will receive a message from Mary. Within the message, will be the full envelope and text of Johns original message.

The RESEND commands is different from AutoForward in that the original name and ID of the original author appears in the From: field instead. In the above example, although Mary had her mailbox set to RESEND mail to Sam, Sam will see John in the From: field, not Mary. Messages that are forwarded using RESEND are moved immediately to the DESK (they are available for 5 days) and not into the INBOX.

Illustration of Mary forwarding Johns mail to Sam:

AUTOFORWARD

From: Mary / MCI ID:123-4567
To: Sam / MCI ID:987-6543

The following message has been AUTOFORWARDED from Mary

RESEND

From: John / MCI ID: 444-3333
To: Sam / MCI ID: 987-6543

Activating the RESEND is very simple. Log interactively into your mailbox (or if you are on a LAN, ask LAN administrator to log into the REMS account):

Prompt from MCI Mail	You Type:
Command;	ENTER AUTOFORWARD
Autoforward Command;	CREATE
Autoforward name:	TEST
Starting Date:	7/29/95 14:00
Ending Date:	12/31/95
To:	222-3333
Resend/Autoforward (R, A or ?)?	R
Delete this setting upon expiration?	Y
Is this setting correct (Yes or No)?	Y

Note: RESEND is currently being rolled out on the MCI Mail network. Some MCI Mail users have access to it now, and some will have access within a few weeks. If RESEND does not appear as an option when you enter AutoForward, please wait a week or so and try again.

>>>>>>>>>
POWERUSER
>>>>>>>>>

If you plan to use the Internet, you should add these words to your vocabulary:

ARPAnet: Advanced Research Projects Agency; An experimental network established in the 1970's where the theories and software on which the Internet is based were tested.

Browser: Software that provides an interface to the World Wide Web. internetMCI includes a browser.

Home page: The default document World Wide Web users see when first connecting to a Web site.

Hyperlink: A connection between hypermedia or hypertext documents and other media. Hyperlinks not only can send you from one document to another, but also from one system or even country to another - automatically.

Hypermedia: Hypertext that includes or links to other forms of media. For example, clicking on a hypermedia link in a text

document would bring up a picture, or video image on your screen.

Hypertext: Text that, when selected, has the ability to present connected documents. For example, clicking on a hypertext link in a text document would bring up another text document on your screen.

Hypertext Markup Language (HTML): The standard programming language used for creating hypermedia documents within the World Wide Web.

Hypertext Transmission Protocol (HTTP): The standard command language that is used to navigate the World Wide Web. HTTP commands are usually issued through the browser software.

IMHO: Shorthand for In My Humble Opinion. IMHO, it's often used before a statement that the writer expects a strong reaction to.

IP: Internet Protocol; allows a packet (part of a message) to traverse multiple networks on the way to its final destination.

Packet: A bundle of data. On the Internet, data is broken up into small chunks, called packets; each packet travels the network independently.

PPP: Point to Point Protocol; a newer communications protocol that allows a computer to use the Internet protocols with a standard telephone line and a high-speed modem. It includes data compression and error correction. internetMCIs connection to the Internet is a PPP connection.

SLIP: Serial Line IP; an older communications protocol that allows a computer to use the Internet protocols with a standard telephone line and a high-speed modem.

Uniform Resource Locator (URL): A standardized way of representing different documents, media, and network services on the World Wide Web. An example of a URL that will take you to MCIs home page is HTTP://MCI.COM

Usenet: The global news-reading network.

World Wide Web (WWW): (World Wide Web project) The initiative to create a universal, hypermedia-based method of access to information. Also used to refer to the Internet.

>>>>>>>>>>>>>>
TILL NEXT TIME
>>>>>>>>>>>>>>

Gary.....
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